



PATENT APPLICATION
File No: 98-29D1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Paul O. Sheppard, Nand Baindur, Theresa A. Deisher, Paul D. Bishop
Serial No. : 09/809,617
Group Art Unit : 1652
Examiner : Kerr, K.
Filed : March 15, 2001
For : DISINTEGRIN HOMOLOGS
Date Submitted : December 1, 2003

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INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Madam/Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

In accordance with 37 C.F.R. 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been conducted, nor shall it be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

The references are listed in PTO form 1449 which is in accordance with the requirements of M.P.E.P. 609. Applicants believe that their invention as claimed is patentable over the references. It is respectfully requested that these references be considered by the Patent and Trademark Office in its examination of the above-identified application and be made of record therein.

The present application is a divisional of U.S. Patent Application Serial No. 09/351,414, filed July 9, 1999, now U.S. Patent No. 6,265,199.

Pursuant to the provisions of M.P.E.P. §609 and in accordance with 37 C.F.R. §1.98(d), Applicants have not included copies of the documents listed on the 1449 forms that were previously cited by or submitted to the Patent and Trademark Office in a prior application identified herein. Below is a list of documents that were not previously cited by or submitted to the Patent and Trademark Office in any prior application identified herein. Copies of newly cited documents are provided herewith.

List of Documents Not of Record in Prior Application

Identifier	
A53	Incyte Pharmaceuticals Inc. EST, LIN305461R1, 1996
A54	TIGR Tentative Human Consensus THC157294, 1997
A55	Incyte Pharmaceuticals Inc. EST, INC5314544, 1998

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

Since this Information Disclosure Statement is submitted after receipt of an office action on the merits in the above-identified patent application, please charge a fee of \$180 to Deposit Account No. 26-0290 under 37 C.F.R. §§1.97(c) and 1.17(p). please charge any fee or credit any overpayment to Account No. 26-0290.

The Examiner is invited to contact the Undersigned at the telephone number listed below, if there are any questions concerning this paper or the attached references.

Respectfully submitted,



Robyn Adams
Registration No. 44,495
206-442-6752

FORM PTO 1449
(REV 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 98-29

Serial No.
09/351,414

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Applicant(s):
Paul O. Sheppard et al.

Filing Date:
July 9, 1999

Group: 1643

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	99/41388	8/19/99	PCT		
	A2	11 155574	6/15/99	JP		
	A3	97/40072	10/30/97	PCT		

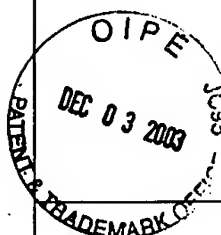
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A4	Sagane, et al., <u>Biochemistry Journal</u> 334:93-98, 1998
	A5	Hochuli, et al., <u>Bio/Technology</u> (1988-11): 1321-1325, 1988
	A6	Hopp, et al., <u>Proc. Natl. Acad. Sci.</u> 78: 3824-3828, 1981
	A7	Wolfsberg, et al., <u>Developmental Biology</u> 169: 378-383, 1995
	A8	Wolfsberg, et al., <u>Developmental Biology</u> 180: 389-401, 1996
	A9	Blobel, <u>Cell</u> 90:589-592, 1997
	A10	Jia, et al., <u>J. Biol. Chem.</u> 272: 13094-13102, 1997
	A11	Barker, et al., <u>J. Med. Chem.</u> 35: 2040-2048, 1992
	A12	Hillier et al., Acc. No. R15038, The Wash U-Merck EST Project, 1995.
	A13	Adams, et al., Acc. No. AA317222, 1997.
	A14	Hillier et al., Acc. No. R52569.1, The Wash U-Merck EST Project, 1995.
	A15	Eisai Co. Ltd. Abstract No. JP11155574, 1999.
	A16	Acc. No. AB009672, Entrez, 1998.
	A17	Acc. No. AB009671, Entrez, 1998.
	A18	Acc No. Z41219, EST68593, 1994.

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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A19	Acc No. F08148, EST127120, 1995.
A20	Acc. No. R15038, EST185722, The Wash U-Merck EST Project, 1995.
A21	Acc. No. R41476, EST224941, 1995.
A22	Acc. No. R52521, EST222586, 1995.
A23	Acc. No. R52569, EST222634, 1995.
A24	Acc No. AA317222, EST958582, 1997.
A25	Acc. No. AA511039, EST1155679, 1997.
A26	Acc. No. AA718688, EST1425401, 1997.
A27	Acc. No. A1535213, EST2351373, 1999.
A28	Acc. No. A1692184, EST2596722, 1999.
A29	TIGR Tentative human consensus, THC117909, 1997.
A30	TIGR Tentative human consensus, THC108261, 1997.
A31	Incyte Pharmaceuticals Inc. EST, INC2661076, 1997.
A32	LIFESEQ™ Library Information Results LUNGTUT09, Incyte Pharmaceuticals Inc., date unknown.
A33	Incyte Pharmaceuticals Inc. EST, INC2845562, 1997.

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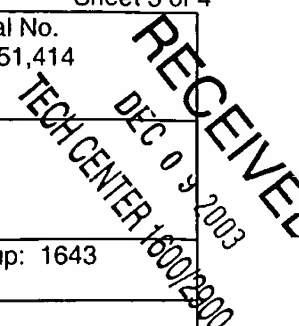
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A34	LIFESEQ™ Library Information Results DRGLNOT01, Incyte Pharmaceuticals Inc., date unknown.
	A35	Incyte Pharmaceuticals Inc. EST, INC3564092, 1997.
	A36	LIFESEQ™ Library Information Results SKINNOT05, Incyte Pharmaceuticals Inc., date unknown.
	A37	Incyte Pharmaceuticals Inc. EST, INC3859516, 1997.
	A38	LIFESEQ™ Library Information Results LNODNOT03, Incyte Pharmaceuticals Inc., date unknown.
	A39	Incyte Pharmaceuticals Inc. EST, INC4624120, 1998.
	A40	LIFESEQ™ Library Information Results ENDVNOT01, Incyte Pharmaceuticals Inc., date unknown.
	A41	Incyte Pharmaceuticals Inc. EST, INC5095454, 1998.
	A42	Incyte Pharmaceuticals Inc. EST, INC5094706, 1998.
	A43	LIFESEQ™ Library Information Results EPIMNON05, Incyte Pharmaceuticals Inc., date unknown.
	A44	Incyte Pharmaceuticals Inc. EST, INC5849729, 1999.
	A45	LIFESEQ™ Library Information Results BRAENOT04, Incyte Pharmaceuticals Inc., date unknown.
	A46	Lexicon Pharmaceuticals OST, OST38070, 1998.
	A47	Sagane, K. et al., GenBank Accession No. BAA32351, August 14, 1998.
	A48	Schwartz, E. et al., GenBank Accession No. CAA52735, July 27, 1994,

Examiner

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RM PTO 1449 (REV 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	File No. 98-29D1	Serial No. 09/809,617
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant(s): Paul O. Sheppard, Nand Baindur, Theresa A. Deisher, Paul D. Bishop	
		Filing Date: March 15, 2001	Group: 1652

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	A49	Renne, R. et al., GenBank Accession No. VCLJLK, September 9, 1994.
	A50	Christiano, A. et al., GenBank Accession No. Q02388, February 15, 2000.
	A51	Babel, W. et al., GenBank Accession No. XWBO, February 7, 1997.
	A52	Duesterhoeft, A. et al., GenBank Accession No. S39088, April 12, 1996.
	A53	Incyte Pharmaceuticals Inc. EST, LIN305461R1, 1996.
	A54	TIGR Tentative Human Consensus THC157294, 1997.
	A55	Incyte Pharmaceuticals Inc. EST, INC5314544, 1998.

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